



CVE-2018-10902

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2018-10902
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-08-21 19:29:00 UTC
Updated	2023-02-12 23:31:00 UTC
Description	It was found that the raw midi kernel driver does not protect against concurrent access which leads to a double realloc (dou

Risk And Classification

Problem Types: CWE-416

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Linux	Linux Kernel	-	All	All	All
Operating System	Linux	Linux Kernel	-	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	6.0	All	All	All

Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All

References

Reference	Source	Link
[SECURITY] [DLA 1531-1] linux-4.9 security update	MLIST	lists.debian
Red Hat Customer Portal	REDHAT	access.r
1590720 – (CVE-2018-10902) CVE-2018-10902 kernel: MIDI driver race condition leads to a double-free	CONFIRM	bugzilla.i
USN-3847-3: Linux kernel (Azure) vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubun
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kerne
Red Hat Customer Portal	REDHAT	access.r
CVE-2018-10902 - Red Hat Customer Portal	MISC	access.r
Malformed Request	BID	www.sec
USN-3776-2: Linux kernel (Xenial HWE) vulnerabilities Ubuntu security notices	UBUNTU	usn.ubun
USN-3776-1: Linux kernel vulnerabilities Ubuntu security notices	UBUNTU	usn.ubun
Red Hat Customer Portal	REDHAT	access.r
Red Hat Customer Portal	REDHAT	access.r
Linux Kernel Double-Free Memory Error in MIDI Driver Lets Local Users Gain Elevated Privileges - SecurityTracker	SECTRACK	www.sec
USN-3847-1: Linux kernel vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubun
USN-3849-2: Linux kernel (Trusty HWE) vulnerabilities Ubuntu security notices	UBUNTU	usn.ubun
Red Hat Customer Portal	REDHAT	access.r
Debian -- Security Information -- DSA-4308-1 linux	DEBIAN	www.dek
1590720 – (CVE-2018-10902) CVE-2018-10902 kernel: MIDI driver race condition leads to a double-free	MISC	bugzilla.i
USN-3847-2: Linux kernel (HWE) vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubun
Red Hat Customer Portal	REDHAT	access.r
USN-3849-1: Linux kernel vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubun
CVE Program record	CVE.ORG	www.cve
NVD vulnerability detail	NVD	nvd.nist.i

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

670269 EulerOS Security Update for kernel (EulerOS-SA-2021-1808)

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